

U.S. DEPARTMENT OF COMMERCE, PATENT AND TRADEMARK OFFICE		DATE: 24 March 2005 (24.03.2005)
TRANSMITTAL LETTER TO THE UNITED STATES DESIGNATED/ELECTED OFFICE (DO/EO/US) CONCERNING A FILING UNDER 35 U.S.C. 371		U.S. APPLICATION NO. (if known): Not Yet Assigned <b>10/529169</b>
INTERNATIONAL APPLICATION NO.: PCT/KR2003/002081	INTERNATIONAL FILING DATE: 09 October 2003 (09.10.2003)	PRIORITY DATE CLAIMED: 09 October 2002 (09.10.2002)
TITLE OF INVENTION: NOVEL FULL-LENGTH GENOMIC RNA OF JAPANESE ENCEPHALITIS VIRUS, INFECTIOUS JEV CDNA THEREFROM, AND USE THEREOF		
APPLICANT(S) FOR DO/EO/US: LEE, Young-Min; YUN, Sang-Im; LEE, Seung Han		
Applicant hereby submits to the United States Designated/Elected Office (DO/EO/US) the following items and other information:		
<p>1. <input checked="" type="checkbox"/> This is a <b>FIRST</b> submission of items concerning a filing under 35 U.S.C. 371.</p> <p>2. <input type="checkbox"/> This is a <b>SECOND</b> or <b>SUBSEQUENT</b> submission of items concerning a filing under 35 U.S.C. 371.</p> <p>3. <input checked="" type="checkbox"/> This express request to begin national examination procedures (35 USC 371(f)) The submission must include items(5), (6), (9) and (21) indicated below.</p> <p>4. <input checked="" type="checkbox"/> A proper Demand for International Preliminary Examination was made by the 19th month from the earliest claimed priority date.</p> <p>5. <input checked="" type="checkbox"/> A copy of the International Application as filed (35 U.S.C. 371(c)(2)):</p> <p style="margin-left: 40px;">a. <input checked="" type="checkbox"/> is transmitted herewith (required only if not transmitted by the International Bureau).</p> <p style="margin-left: 40px;">b. <input type="checkbox"/> has been communicated by the International Bureau.</p> <p style="margin-left: 40px;">c. <input type="checkbox"/> is not required, as the application was filed in the United States Receiving Office (RO/US)</p> <p>6. <input type="checkbox"/> A English translation of the International Application as filed (35 U.S.C. 371(c)(2)).</p> <p>7. <input checked="" type="checkbox"/> Amendments to the claims of the International Application under PCT Article 19 (35 U.S.C. 371(c)(3))</p> <p style="margin-left: 40px;">a. <input type="checkbox"/> are attached hereto (required only if not transmitted by the International Bureau).</p> <p style="margin-left: 40px;">b. <input type="checkbox"/> have been communicated by the International Bureau.</p> <p style="margin-left: 40px;">c. <input type="checkbox"/> have not been made; however, the time limit for making such amendments has NOT expired.</p> <p style="margin-left: 40px;">d. <input checked="" type="checkbox"/> have not been made and will not be made.</p> <p>8. <input type="checkbox"/> An English language translation of the amendments to the claims under PCT Article 19 (35 U.S.C. 371(c)(3)).</p> <p>9. <input checked="" type="checkbox"/> An oath or declaration of the inventor(s) (35 U.S.C. 371(c)(4)).</p> <p>10. <input type="checkbox"/> A translation of the annexes to the International Preliminary Examination Report under PCT Article 36 (35 U.S.C. 371(c)(5)).</p> <p><b>ITEMS 11 to 20 BELOW CONCERN OTHER DOCUMENT(S) OR INFORMATION INCLUDED:</b></p> <p>11. <input type="checkbox"/> An Information Disclosure Statement under 37 CFR 1.97 and 1.98.</p> <p>12. <input checked="" type="checkbox"/> An assignment document for recording. A separate cover sheet in compliance with 37 CFR 3.28 and 3.31 is included.</p> <p>13. <input type="checkbox"/> A <b>FIRST</b> preliminary amendment.</p> <p>14. <input type="checkbox"/> A <b>SECOND</b> or <b>SUBSEQUENT</b> preliminary amendment</p> <p>15. <input type="checkbox"/> A substitute specification.</p> <p>16. <input type="checkbox"/> A change of power of attorney and/or address letter.</p> <p>17. <input type="checkbox"/> A computer-readable form of the sequence listing in accordance with PCT Rule 13ter2 and 35 USC 1821 - 1825</p> <p>18. <input type="checkbox"/> A second copy of the published international application under 35 USC 154(d)(4)</p> <p>19. <input type="checkbox"/> A second copy of the English language translation of the international application under 35 USC 154(d)(4)</p> <p>20. <input checked="" type="checkbox"/> Other items or information: TRANSMITTAL FORM; FEE CALCULATION; COVER SHEET OF INTERNATIONAL PUBLICATION WO 2004/033690 A1 WITH INTERNATIONAL PUBLICATION DATE 09 OCTOBER 2003 WHICH CONSISTS OF 308 PAGES INCLUDING 2 COVER PAGES, 116 PAGES TEXTUAL SPECIFICATION, 2 PAGES RECEIPT IN THE CASE OF AN ORIGINAL DEPOSIT; 6 PAGES OF 28 CLAIMS; 1 PAGE OF THE ABSTRACT; 16 SHEETS DRAWINGS; 165 PAGES SEQUENCE LISTING; EXECUTED INVENTOR'S DECLARATION; EXECUTED ASSIGNMENT WITH RECORDATION COVER SHEET.</p>		

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1006 Rec'd PCT/PTO 24 MAR 2005

U.S. APPLICATION NO. (if known) not assigned <b>10/529169</b>	INTERNATIONAL APPLICATION NO.  <b>PCT/KR2003/002081</b>	DATE: 24 March 2005 ( 24.03.2005)
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a. ☒ Two checks in the aggregate amount of **\$ 1,365.00** to cover the above fees are enclosed.

b. ☐ Please charge my Deposit Account No. 14-0112 in the amount of \$ \_\_\_\_\_ to cover the above fees. (A duplicate copy of this sheet is enclosed.)

c. ☒ The Commissioner is hereby authorized to charge any additional fees which may be required, or credit any overpayment to Deposit Account No. 14-0112.

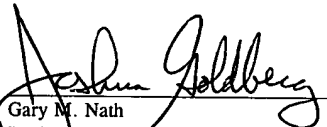
d. Fees are to be charged to a credit card ☐ WARNING: Information on this form may become public ☐ Credit Card Information should not be included on this form. ☐ Provide credit card information and authorization on PTO-2038

**NOTE:** Where an appropriate time limit under 37 CFR 1.494 or 1.495 has not been met, a petition to revive (37 CFR 1.137(a) or (b)) must be filed to request that the application be restored to pending status.

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## IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

J006 PCT/BTO 24 MAR 2005

In re Application of:

LEE et al.

International Application No. PCT/KR2003/002081

Serial No. NOT YET ASSIGNED

International Filing Date: 09 October 2003 (09.10.2003)

Filed: March 24, 2005

For: **NOVEL FULL-LENGTH GENOMIC RNA OF JAPANESE ENCEPHALITIS  
VIRUS, INFECTIOUS JEV CDNA THEREFROM, AND USE THEREOF**TRANSMITTAL LETTERCommissioner for Patents  
P.O. Box 1450  
Alexandria, VA 22313-1450

Sir:

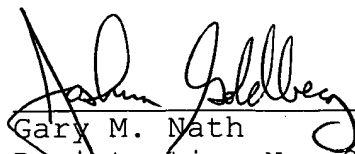
Submitted herewith for filing in the U.S. Patent and Trademark  
Office is the following:

- (1) Transmittal Letter
- (2) Transmittal Letter To U.S. Designated/Elected Office  
(DO/EO/US) Concerning Filing under 35 U.S.C. 371
- (3) International Publication No: WO 2004/033690A1  
International Publication Date: 22 April 2004 (22.04.2004)  
which consists of 308 pages including:
  - 2 Cover Pages,
  - 116 pages Textual Specification,
  - 2 pages Receipt in The Case of An Original Deposit
  - 6 pages of 28 Claims,
  - 1 page of the Abstract,
  - 16 sheets of Drawings,
  - 165 pages Sequence Listing;
- (4) Executed Inventor's Declaration;
- (5) Executed Assignment and Recordation Cover Sheet;
- (6) Check No. 22802 \$ 1,325.00 for National Stage fee(\$150),  
Search Fee(\$250), Examination fee(\$100), extra claims fee  
(\$200) and additional sheets fee(\$625) as a small entity;
- (7) Check No. 22801 \$ 40.00 for recordation fee;
- (8) Postcard for early notification of serial number.

Respectfully submitted,

NATH &amp; ASSOCIATES PLLC

By:

  
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